



# Recombinant Human Melanoma-associated antigen 3 (MAGEA3)

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| <b>Product Code</b>      | CSB-MP013329HU   |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | P43357   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MPLEQRSQHC KPEEGLEARG EALGLVGAQA PATEEQEAAS SSSTLVEVTL<br>GEVPAAESPD PPQSPQGASS LPTTMNYPLW SQSYEDSSNQ EEEGPSTFPD<br>LESEFQAALS RKVAELVHFL LLKYRAREPV TKAEMLGSVV GNWQYFFPVI<br>FSKASSSLQL VFGIELMEVD PIGHLYIFAT CLGLSYDGLL GDNQIMPKAG<br>LLIIVLAIIA REGDCAPEEK IWEELSVLEV FEGREDSILG DPKKLLTQHF<br>VQENYLEYRQ VPGSDPACYE FLWGPRALVE TSYVKVLHMH VKISGGPHIS<br>YPPLHEWVLR EGEE  |
| <b>Source</b>            | Mammalian cell   |
| <b>Target Names</b>      | MAGEA3   |
| <b>Protein Names</b>     | Recommended name: Melanoma-associated antigen 3 Alternative name(s):<br>Antigen MZ2-D Cancer/testis antigen 1.3 Short name= CT1.3 MAGE-3 antigen   |
| <b>Expression Region</b> | 1-314  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | Full length protein  |
| <b>Target Details</b>    | This gene is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita. |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.  |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life  |



of lyophilized form is 12 months at -20°C/-80°C.